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SEP 15 2005


**Enclosed are the following documents:**

- PAGE 1/18 \* RCVD AT 9/15/2005 9:57:27 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-6/31 \* DNIS:2738300 \* CSID:3108205988 \* DURATION (mm:ss):06:46

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/665,298
		Filing Date	September 17, 2003
		First Named Inventor	Michael C. Green
		Art Unit	2814
		Examiner Name	Thao X. Le
Total Number of Pages in This Submission	18	Attorney Docket Number	5513P018

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Facsimile Cover Sheet</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Angelo J. Gaz, Reg. No. 45,907 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	September 15, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.			
Typed or printed name	Erin Flynn	Date	September 15, 2005
Signature			

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/1) 08/04/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22315-1450

**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/665,298
Filing Date	September 17, 2003
First Named Inventor	Michael C. Green
Examiner Name	Thao X. Le
Art Unit	2814
Attorney Docket No.	5513P018

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) ☒ Credit any overpayments

under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

**FEE CALCULATION**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
				<b>SUBTOTAL (2)</b>	<b>(\$)</b>

**SUBMITTED BY**

Name (Print/Type) Angelo J. Gaz

Registration No.  
(Attorney/Agent)

45,907

Telephone

(310) 207-3800

Signature

Date

09/15/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (viii) 12/15/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450


<b>FEE TRANSMITTAL for FY 2005</b>		<i>Complete if Known</i>	
<small>Patent fees are subject to annual revision.</small>		Application Number	10/665,298
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	September 17, 2003
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)		First Named Inventor	Michael C. Green
		Examiner Name	Thao X. Le
		Art Unit	2814
		Attorney Docket No.	5513P018

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account   Deposit Account Number: <u>02-2666</u> Deposit Account Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. <input checked="" type="checkbox"/> Credit any overpayments	

<b>FEE CALCULATION</b>					
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1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
<b>SUBTOTAL (2)</b>					(\$)

<b>SUBMITTED BY</b>		<i>Complete (if applicable)</i>	
Name (Print/Type)	Angelo J. Gaz	Registration No. (Attorney/Agent)	45,907
Signature		Telephone	(310) 207-3800
		Date	09/15/05

Based on PTO/889/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/1) 12/15/2004.  
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SEP 15 2005

REPLY UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
TECHNOLOGY CENTER 2814

Docket No. 5513.P018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael C. Green et al.

Application No.: 10/665,298

Filed: September 17, 2003

For: REDUCING DARK CURRENT OF  
PHOTOCONDUCTOR USING  
HETEROJUNCTION THAT  
MAINTAINS HIGH X-RAY  
SENSITIVITY

Examiner: Thao X. Le

Art Unit: 2814

Confirmation No.: 5448

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF  
Commissioner for Patents  
P. O. 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed June 15, 2005, please amend the above-identified patent application as follows and consider the following remarks.